

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Stan Wilson <randyw@crl.com>  
Subject: [5381] "The FOX"  
Message-ID: <31408EAD.12C@crl.com>

About a year or so ago I started reading some of the "FOX" messages. At the time I thought gee this is really dumb. I use to chase "special event" stations and found it to be very easy. So why waste time looking for the FOX. So my delete key got used a lot. It was easy to delete the RE:Fox e-mail and get on with the good stuff on the list. But it just didn't go away, always more fox messages. Well a couple of months ago I started listening to see who was working the fox and why so few ended up in the "Worked the Fox" list the next day. I now know that it takes "skill" and good equipment to work the fox. So I now look for the "Worked the Fox list" the next day. To get on that list one must be a good operator and also know how to set up a good station. Otherwise he will not hear the "FOX" or the "FOX" will not hear him.

So congratulations to those who have worked the FOX especially those who have been able to do it multi-times.

Regards de Stan AK0B  
e-mail via randyw@crl.com

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
Subject: [5376] 20M PHONE STUFF  
Message-ID: <9602088262.AA826299182@smtpgw.ccgate.dl.nec.com>

Folks:

I got home from work a bit early last evening, before 20 meters shut down. I decided to listen in on the phone area while I read my mail. I go up there very rarely, every once in a while check out the QRP ssb possibilities.

I was a bit saddened by what I heard.  
Around 14.300 some guy is yelling at another guy about his rights and so on. He has a reverb thingy on that makes him sound like Joe CB from Linear City, etc. About the same frequency, another op is preaching, preaching, preaching. They are all trying to out-do one another.....

I realize that, as long as the rules are followed, we

all have the "right" to do any of this. However, does this kind of stuff go on a lot in the phone bands?? I've read threads here about how people feel about the nonsense on 75M, but can somebody fill me in who listens and spends some time on the phone areas. Is this common or a fluke??

After hearing all of this, it made me really glad I love working CW.

Dahs all folks.....

72/73 de Dave KK5HA

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: wdzeares@rockdal.aud.alcatel.com  
Subject: [5384] Any one have an Argonaut for sale?  
Message-ID: <9603081538.AA27811@aud.alcatel.com>

Do anyone have an Argonaut for sale? Let me know email direct to wdzeares@ix.netcom.com  
72/73 Dennis K3ETS Dallas

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [5391] Data Book  
Message-ID: <199603081722.RAA05079@chuck.dallas.sgi.com>

Gang,

At Dayton, if you do not get a copy of the "Data Book for Homebrewers and QRPers" at FDIM you will be making a serious and greivous error. FYI.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Paul Harden <pharden@aoc.nrao.edu>

Subject: [5390] DATA SHEET: Multi-turn pots  
Message-ID: <199603081715.KAA27370@zia.aoc.nrao.edu>

Got a few emails yesterday inquiring about the specs on multi-turn pots following the post of using one for tuning the NC-40a. So here's the specs on a few major types of pots for comparison.

-----  
DATA SHEET: Comparison of specifications between single turn and multi-turn potentiometers  
-----

TYPE OF POT	----- SINGLE-TURN POTS -----			10-TURN
	CONSUMER	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL
	Carbon	Conductive	Wirewound	Conductive
	Comp.	Plastic		Plastic
POWER RATING	.1W	2W	1W	2W
TOLERANCE	+/-20%	+/-10%	+/- 5%	+/- 5%
MAX. DC VOLTAGE	100v	500v	175v	500v
TAPER(S)	S,Z	S,Z,RZ	S,Z,RZ	Linear only
LINEARITY	5-10%	+/- 2-5%	+/- 1-2%	+/- .25%
SHAFT ROTATION	270 deg	312 deg	300 deg	3600 deg
ROTATIONAL LIFE	15,000	10 million	500,000	1 million
SWITCH OPTION	SPST	SPDT	none	none
BODY DIAMETER	.67"(17mm)	1.1"(28mm)	.78"(20mm)	.88"(22mm)
BODY DEPTH	.32"(12mm)	.56"(14mm)	.50"(12mm)	.75"(19mm)
EXAMPLE	Mouser	Clarostat	Clarostat	Bourns
	31C	53C	RA10	3590

-----  
TAPERS: S= Linear resistance change over the shaft rotation range  
Z= 10% resistance at 50% shaft rotation; 100% at full CW  
RZ= 10% resistance at 50% shaft rotation; 100% at full CCW  
AUDIO (Z)= Resistance change over the shaft rotation range is optimized to match the response of the human ear.  
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The above is a text-portion excerpt (less illustrations) from the "Data Book for Homebrewers and QRPers" to be released at FDIM/Dayton 1996. This text posting may be republished with proper credit.

GL, Paul Harden, NA5N

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [5406] Did you know?

Message-ID: <199603081859.SAA05385@chuck.dallas.sgi.com>

Do you know who KE3NJ is?

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com

Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [5383] Envirotronics Iambic Paddles

Message-ID: <199603081523.PAA04819@chuck.dallas.sgi.com>

Gang,

Let me put it all in one posting. I got several people that lost the thread on the new iambic paddle from this group. It was first titled cheap iambic paddles and I posted a followup under the name of the company - Envirotronics.

The first posting was by Ori, AC6AN, and we thank him for the lead. I'll buy the pizza the next time I'm in Mt View Ori. This is his posting. The list of characters are

KN6WW Chuck Mahler San Jose,CA ex-KC6ZDG

AC6AN Ori Shalom San Jose,CA ex-KN6WG

N0LSS Gene Thoma New Brighton,MN

>From AC6AN: Edited to correct some errors by K5FO.

>General information, and as usual I'm not associated with the  
>manufacturer, etc...

>At a ham breakfast last week Chuck KN6WW, who collects all sorts  
>of keys and paddles, brought two models he had just purchased from  
>Envirotronics in St. Paul, MN.

>Model 501 has a small base and goes for \$48.95.

>Model 502 has a heavier and larger base and it goes for \$74.95.

>

>I'd say that even the smaller one is MUCH BETTER than my Brass  
>Racer. It is nicely machined and very precise. There's no wiggle  
>or slack at all and quite heavy.

>I guess you can get them in any color provided you like grey...

>Chuck says they are easily comparable to paddles in the \$200+  
>range, and he has lots of them. A few local CWers ordered one  
>after playing with them for a short time.  
>Enough for the sales pitch.  
>The guy making them is Gene Thoma N0LSS at:

>     Envirotronics  
>     526 Silverlake Rd  
>     St Paul, MN 55112  
>     (612) 633-8551     [correct area code - K5F0]

>     I was told he takes only checks.  
>  
>     73 DE ORI AC6AN

After seeing the post I called Envirotronics and talked quickly to Gene. He does not advertise in any of the big ham magazines so this thread will probably generate more phone calls to him than he could ever hope for. Now gang, please no attempts at another group buy or freebies for writing review articles. Let's be reasonable here. The use of the term qrp-l for such requests are strictly prohibited and such abuse will be posted in public. This group is an open forum and not even a single individual can represent or claim to represent this group in any way. I'm the founder and I would not think of misusing the term in such a manner.

Anyway the 501 weighs in at 1.6 lbs and the 502 weighs in at 2.2 lbs and he said not to expect a great difference in feel for the two models. I ordered the 501 just to check it out. I'll report as soon as I get mine. I'm still awaiting the arrival of the Mark paddle that Dave Ingram, K4TWJ, had in his last column in CQ magazine. Gene at Envirotronics said delivery within a week to ten days. If this group really responds we can put his company in overload. :-) Watch, the price will go up with the demand.

Add \$5.50 for shipping for one and \$7.00 for shipping of two paddles from Envirotronics.

I am taking Ori's word that it is better than the Brass Racer and I hope that it is very nice and I'll use it to haul around the country side and maybe even mobile CW on 10M. Heck at \$48.95 it has got to be one of the better buys around as the Bencher is significantly more expensive. So let's cross our fingers and hope gang. QRP prices on peripheral equipment! It's pretty bad when your paddle costs more than the rig. The first person to get one report in. :-) (Oh, and Ori don't

feel like I'm putting pressure on you, I'm not.)

I promise to sit down with the following paddles and compare them:

Bencher - Kent - Mark - Brown Brothers - G4PZY - Vibroplex Brass Racer  
Vibroplex Dual paddle - Envirotronics

when I get the Mark and Envirotronics paddles.

Such a comparison has got to be highly subjective. I like a light touch and small spacing. Others like to really take the term "pounding brass" literally. I've seen guys move a paddle across the table and had to use a C-clamp to hold the darn thing down. :-) To each his own as we are only interested in what is happening on the other end at my receiver or yours.

Hey, where else and what other group of hams can get excited about some new toy? When was the last time the QRO DXers had a new linear come out that was half the going price for the latest?

Sorry for the bandwidth. I know we all don't do CW, but I'm just a kid at heart. I find it hard to believe that if CW is a dying artform, then why all of a sudden the breakout of some new manufacturers? Seems like a demand and supply issue to me. Is it all the QRPers on CW that are creating this demand? Inquiring minds wanna know.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: plquick@facstaff.wisc.edu (Paulette Quick, N9OUH)  
Subject: [5405] FDIM Registration II, Correction 1  
Message-ID: <v02110102ad65e1574254@[144.92.104.160]>

Listed in my notes but not in my report:

David Meacham, W6EMB  
His \$30.00 check has been photocopied and deposited  
He's a good boy and I will tell those big ugly Dayton bouncers to let him in at the door

Just in case YOU were thinking of sneaking in to the much anticipated Four Days in May (c) QRP Symposium, how about sending me a check instead.

Make out the check to: Paulette Quick  
and mail it to: P.O. Box 145  
Madison WI 53701-0145

72 de N90UH  
Paulette Quick  
plquick@facstaff.wisc.edu

From qrp-l@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [5415] Fist, swings etc  
Message-ID: <Pine.SUN.3.90.960308131049.19943E-1000000@vortex.sage.dri.edu>

Hi all,

I was listing on 40m the other day while driving around and heard one of the "Big Swing" cq's. Listing closely showed me that he was sending the "C" ok, but the "Q" was sounding something like the \_.\_ that so many people have been talking about.

He was answered by another "Swinger" who had his own version of rhythm. But it was no trouble to copy them. In fact, it was fun. Kinda like it used to be when everyone was using bugs, swipers, handkeys and even some wires, pennies etc!

So if the funny sounding CQ's that have been heard are this, then I would have to say that the error is on the receiving end.....the art of CW may be giving in to the science of CW..... Whaaaaaaa :-(

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-l@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: David Adams <dave@flowserver.stem.com>

Subject: [5371] Fox results...ugh...

Message-ID: <9603080548.AA00879@flowserver.stem.com>

Not a great night...didn't hear much of anything...course my wife kept running the freaking microwave which really messes up 40 an 20m.....anyway,

The first signal I heard was ae4ic...i think...did not make a contact, but that's what I got down prior to disappearance...

2:24 7.040 A6HOU 339

2:37 7.110 vE7CQK 229

3:57 7.110 AC6PI 339 Had to work hard for this one  
as I was only given a 219....yikes....

Ah well, better than no contacts! Air variable cap goes to Dan for sheer tenacity!

Dave

---

=====

David J Adams

dave@flowserver.stem.com

(415) 813-5028

N9UXU QRP-L #83

NorCal QRP #1442

Flow Cytometry Specialist

From qrp-l@Lehigh.EDU Fri Mar 8 22:38:48 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [5374] Fox Tally March 8,1996

Message-ID: <199603081131.LAA04445@chuck.dallas.sgi.com>

Gang,

You want to talk about a close race, just look at the results. We've got the two most competitive people going for the first place in the hunters. We did this last year and it cost me \$200. Could it be two years in a row?

I have to go back and figure out how I wound up with a couple of fox with odd number of turns, i.e. only one. I thought I had in the original post a even number but once again I thought wrong. I'm going back to being a couch potato. :-)

Film at 11 (UTC). :-)



Totals		Fox		Equipment and Ant (if known)
---	-----	-----	-----	-----
81	39+42	NA5K	Smitty	TS-50 + ARK4 @ 5W w/40M Delta Loop
75	35+40	NA5N	Paul	
57	36+21	AA4XX	Paul	
52	27+25	N6ULU	Stan	NorCal 40 at 4W and 2 el yagi
45	28+17	AB5OU	Tim	TS140S @ 4.8W 70' wire with 300ohm twin lead
43	14+29	WW7Y	Steve	
43	23+20	K5FO	Chuck	OHR Explorer II @ 0.95W and long wire
40	20+20	WA3NNA	Pete	
35	26+ 9	AA0XZ	Greg	
34	14+20	W03B	Bob	Scout @ 4W and QRP+ 4 lambda skyloop@55'
31	25+ 6	WA4NID	Dave	Kenwood TS-50 to Lew McCoy dipole @ 5W
28	18+10	WB8ZJL	Paul	Corsair 1 @ 4W 40M full wave dipole
27	15+12	WB3GCK	Craig	
26	5+21	WJ2V	Preston	
23	10+13	N4A0X	Clay	
22	20+ 2	N2CX	Joe	
18	12+ 6	KV2X	Tom	Swan Astro 102@2W 1/4 40M verticle
17	9+ 8	NN9K	Pete	
9	6+3	N9UXU	Dave	
	36	KK6MC	Duffey	
	18	KJ4XR	Ken	
	7	NQ7K	Mike	
	5	VE7CQK	Paul	
	15	WB4ZKA	Mike	

-- leader(s) of the pack in order to shorten statistics

----> WA9PWP(23) N6ULU(23) W6ZH(21) K5UP(20)

-- number of times a fox was worked in parenthesis if >1

0 -- W00Q(16) AA0XZ(8) KB0WZ(7) KB0LMQ(3) NG0N(3) AA0XI(3)  
AA0YU(3) N00CT WI0W NF0R KB0PBQ KI0G AA0QU AA0VF W0KQC  
N0UVR KC00S N0TFI N0WM WB0WQS AB0AE  
1 -- W1HUE(9) KC1FB(5) AA1IK(5) KC1GS(3)  
KC1DI AA10C(2) N01E N1QPR WA1GUV(2) WA1LNP N1RXT  
2 -- K2NF(15) KC2DU(10) AA2WJ(7) AA2PF(6) N2MNN(5) N2CX(3)  
N2KPY(2) KV2X(4) N2KPY N2CX WB2SXN WJ2V N2VPK(2) KF2PH  
WZ2T KE2WB(2) KF20N N2VPK N2GO(2) N2WLQ N2YRJ K2VNM  
WA2BMQ K2SJB  
3 -- W3PM(15) N3KFL(12) WA3NNA(5)  
WA3YON AA3AV W03B(3) K3TKS(3) KA3EAJ(2) N3PM WA3JPG  
KA3WMJ K3ETS(3) K3VOA AA3EJ WB3GCK WA3BHM  
4 -- NZ4I(11) N4AOX(5) K4JPN(2) KC4EWT(6)  
KE4PC WB4TPW(6) WA4KAC(2) KM4LT AB4EL(2) WB4BDS(2) WB4TBW  
KD4HZ WD4MPS(4) AC4HF AA4YZ KF4DNL WB4ZKA AE4IC(8)  
WJ4P(4) WA4FTM KJ4XR N4XXR NR4N(2) N4EUK AD4ZE(3)  
KT4HB WB4TWE KC4URI K4CGY(2) N4UCM KE4HNS AA4YZ  
KS4XS N4EKP  
5 -- K5UP(20) AK5B(19) W5HNS(18) AB5OU(16) KC5EQC(14) KK5KX(6)  
KA5T(11) KK5RO(11) K5FO(2) NA5K(5) KA5DVS AB5DG AB5EU  
WD5GNW(2) KI5EZ KK5NA(2) WA5WHN K5ERJ(3)  
AB5TZ(5) AB5QE(3) KB5AA KC5FGE W5XE(2) W5RMZ WB5QMP(6)  
N5SS AB5WB WB5IRI(3) AB5UA(9) WA5YFY WA5ZTP  
WB5LXA WB5FKC KF5IU N5OCD(2) KF5IV W5TEH(2) N5GW AB5B  
AC5BC KC5RAS KB5YIX KC5GTQ AA5EA KC5EQK NA5N  
W5TTE AB5AA(2) KB5OB KK5RD KK5HA  
6 -- N6ULU(23) W6ZH(21) NU6U(5) AB6DG(11) KK6MC(8)  
WA6HHQ(2) WA6MOK(2) KE6YAR WB6HQK(2) WA6HUE(2) AC6IY(5) WB6Q  
WI6I N6GA N6WG(3) KC6EIJ N6MM(6) AC6KW K6VNX(6) K06KA(3) AA6XZ KQ6AG(2)  
WB6TJF K6CA K6QQ W6BAB WA6NAE K6UNO AC6PI(2) W6DVO A6HOU K6VNK  
7 -- WW7Y(11) N7MFB(2) AA7QU(5)  
AL7GQ NQ7K(5) AA7QY(7) AB7JX(4) WA7FCU(7) KD7S  
AB7HI(2) KB7SOK KC7AKW N7RMQ KC7NEV(3) NQ7X(9)  
KG7WS NQ7B AA7TQ(3) WT7F(3) KJ7DN W7WC  
8 -- N8ET(2) WB8ZJL(7) K8DD(6)  
WB8AJD N8VAR(5) KF8EE(2) WB8RUQ KF8SG  
WA8ALX WB8E(2) WA8ZOF WK8S KB8LFQ W8BE WB8APR  
9 -- WA9PWP(23) KB9IUA(4) K9DZE(6)  
W9LTL N9DD AE9K(2) WA9YLB NN9K(5) WB9LKC(7) AE9F(2)  
KA9NSA WB9QDL N9XVZ WD9EYB N9SAI AB9W NN9H KC9RH

DX-- VA3TAR(2) VE3DNL(6) VE7CQK(5) VO1CRB VE5VA(2) VA3TAR

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: wdzeares@ix.netcom.com (W. Dennis Zeares )  
Subject: [5432] Going Prices for Argos and acc...  
Message-ID: <199603090225.SAA17801@ix16.ix.netcom.com>

I need to know what would be the average going price for  
a 509, and the linear amp plus power supply...avg condition

also a very good 515 with notch filter...

If anyone could give me a "ballpark" figure, I need to know  
by Sunday...the guy has the stuff in the attic and I'm going  
to look at it Sunday.. Please help if possible

Thanks, 72/73 Dennis K3ETS

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: fred@ott.net (Fred Ringwald)  
Subject: [5397] Headphones  
Message-ID: <199603081811.MAA06485@is.ott.net>

Pete,

Dick at OHR, has been trying to educate me on headphones, and I want  
to ask you if your experience has matched mine. I used to operate my  
OHR Explorer II with a set of Sony MDR-V6 headphones. I believe they  
are similar to your MDR-V200s. I found that with the V6s, I had to  
crank up the audio gain to about 3/4ths of full travel to have a  
reasonable level, and I also had lots of noise. Dick recommended that  
I try some true 8 ohm communication headphones. I bought a pair of  
Yaesu YH-55s, and found quite a difference. First, I only needed the  
audio gain control at about 1/4 turn for the same volume as the V6s  
with 3/4 turn. Second, I had much less noise. Dick says that this is  
because the V6s were designed for approx. 20-20,000 Hz, where all I  
really want to copy is a 700 Hz tone. By running the audio gain up  
that high, I am feeding the V6s with lots of higher frequency noise  
that I am not amplifying when I use the YH-55s, and the receiver  
therefore sounds quieter.

Have you (or anyone else on the list) had anything close to a similar  
experience?

73s es tnx,

Fred Ringwald                      913-242-4829  
2228 Labette Road                  fred@ott.net  
Ottawa, KS 66067-8977              AB0AE

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Ken\_KD1XS@prodigy.com ( KEN HANKS)  
Subject: [5435] Keyer\Counter Kit  
Message-ID: <013.03117177.KZBQ03A@prodigy.com>

All:

Well, I am almost done with the GM-20 kit, just a few more torrids,  
add controls, and alignment. I am already planning my next project.  
I recall discussion on a keyer\frequency counter kit (KPC?).

Need to know price\availability\opinions etc.

Ken Hanks, KD1XS

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Jeff Gold <JMG@tntech.edu>  
Subject: [5402] Kitano Paddles.  
Message-ID: <01I23HS334PU9C33SZ@tntech.edu>

Anyone every see a set of real live Kitano paddles or use them?  
They look pretty interesting.. thinking about maybe adding them to  
the collection.

72  
Jeff,AC4HF

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Brien Pepperdine <pepperb@gov.on.ca>

Subject: [5434] Last of the NorCal Sierras Built?

Message-ID: <Pine.OSF.3.90.960308222614.5613A-100000@govonca2.gov.on.ca>

Hey, I am slow, meticulous and it still does not work. Just kidding, sort of. Well, its been well over a year since that white box arrived from Jim Cates, containing the NorCal Sierra. I had intentions of doing it quicker, but had fun with a NC40A, and have also been mucking about with tube based stuff. So I finally did get going about 3 months ago. I got faster for a big over Xmas, then quiet on it, intending every weekend but other things happened. OK, nuff apologies.

Basically, it seems to have come together almost 100% OK, save 2 questions.

First, with an MRF237 I am getting about 1.5 watts on 40 m. band module. I'd expected more. Any ideas or tweaks (swap outs of parts for better performance) any one can offer.

Secondly, and some might laugh - it is NOT 100% 100% - its a bit deaf. I can hear the signal of the xmtr into the dummy load I did the peaking from, but it does not hear atmospheric band noise, the SW BC stations and such that are on. I see there appears to be no effect on the search for atmospheric noise if I adjust the RF gain, I just get the same level of hiss, but the RF gain does certainly control the level of signal coming in from the dummy load off of the 'test' signal xmtr.

Is there a stage, coil etc. I should be looking at re. the deafness. I admit that I have put some time into it today, so am going to practice Robert Pirsig's recommendation in "Zen and the Art of Motorcycle Maintenance", and walk away from it and come back with a clearer, open mind tomorrow or Sunday, and do the further debugging and circuit pondering then. But your 'pointers' and lessons are welcomed for when I go back.

So, for a bit of hearing and maybe a bit more RF out, I'd be grateful.

Brien  
Toronto

pepperb@gov.on.ca

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996

From: ljones@why.net (ljones)

Subject: [5372] Message to Svein ?

Message-ID: <19960308074154866.AAA484@dal20.why.net>

Greeting Gang...

Please excuse the use of the bandwidth. I was trying to send a message to Svein but seem to have messed up his address. I also seem to have deleted his message to the reflector. So, SVEIN, if you read this send me your email address.

Thanks guys...

72/73

dee-it dee-it

Larry Jones N50SG <><	NorTex	QRP-ARCI	G-QRP	MI-QRP
4028 Random Circle	NorCal	NE-QRP	QRP-L	NTMS
Garland Tx 75043-3250	EM12QU	96.62 W LONG	32.87 N LAT	

From qrp-l@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: mcdaniel@ouvaxa.cats.ohiou.edu  
Subject: [5395] New QRP+  
Message-ID: <0099F077.F9C8C86D.561@ouvaxa.cats.ohiou.edu>

Ohio University Electronic Communication

Date: 08-Mar-1996 12:55pm EST

To: Remote Addressee ( \_mx% "qrp-l@lehigh.edu" )

From: Drew McDaniel	Dept: TeleCom
MCDANIELD	Tel No: (614) 593-4864

Subject: New QRP+

I ordered one of the "re-engineered" QRP+ rigs a little over a month ago. At the time, I owned one of the previous versions which I have since sold to a local friend. I think Tim Lundy told me I was fourth on the list to receive the revised model.

Yesterday, Index Labs called to say they were finally able to ship the new units and mine would be out the door on Friday (today). I seem to recall that none of

the older models would be reworked until the new units were being shipped, hence those of you waiting for your rigs probably won't have much longer to wait.

73/72

Drew McDaniel  
W8MHV

Received: 08-Mar-1996 01:02pm

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>  
Subject: [5404] nice timepieces  
Message-ID: <17607.826310448@safety.ics.uci.edu>

Great thread :-). Love the experimentation with tiny, unexplored circuitry ... Paul. Nice work.

I find my analog/digital watches very useful in this regard. A lot of watches (always under \$30 for my budget :-)) have both analog hands and a digital display somewhere on the face. I simply set the digital display to 24 hour time and UTC. I set the analog hands on the face to local time. It is just dandy. (The date function will be UTC as will other digital functions, which is fine by me.) Not only does this keep me in touch with UTC, but after a time, I sort of get the feel of what time it is UTC.

Clark  
WA3JPG

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: wa5whn@ix.netcom.com (Jay Miller)  
Subject: [5388] NorCal QRP TO THE FIELD from Riley, NM  
Message-ID: <199603081652.IAA04179@ix14.ix.netcom.com>

A large group of us will head to Riley on April 26, 1996. Since this is a dark sky opportunity, we will partake in the wonders of Nature.

<http://medicine.wustl.edu/%7Ekronkg/comet.html>

And for those of You who like to figure Ergs/Fortnight/Furlong the following data is for Riley, New Mexico

Lat. 34 deg. 22' 50.23" N  
Long. 107 deg. 13' 47.55" W

So, when do we sleep You ask ?

More to follow later (URL of the photos). GM-20 on a wire beam pointed east & a Sierra on a wire beam pointed west. ;-)

This will be a lot of fun (QRP Field Day), NorCal QRP To The Field, April 27, 1996.

72...Jay, WA5WHN

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [5386] NorCal QRP TO THE FIELD RULES  
Message-ID: <199603081634.JAA25846@zia.aoc.nrao.edu>

Here's the QRP to the Field rules from the WU7F flyer received. Am posting for your information. Several operations are being planned by CQC, NM and AZ members (so far) to operate from ghost towns. We'll be posting specific information on calls and ghost town QTH's in April. The real idea is to operate from some quasi-famous or unique location in your local area. What is your neck of the woods famous for? Then exploit it by operating "QRP to the Field" from there. Add another measure of fun to the contest by selecting a unique or historical setting. (We realize not EVERYONE has ghost towns in their backyards!).

Enjoy ...  
Paul NA5N

-----  
SECOND ANNUAL "QRP TO THE FIELD"  
SATURDAY, APRIL 27, 1996

Open to all radio amateurs, and all bands and both modes (SSB/FM and CW).  
Sponsored by the Northern California QRP Club (NorCal).

1. Single transmitter on the air at one time.
2. Once started, use the same power output and location category.



3. CONTEST PERIOD:  
SATURDAY 1300 UTC to SUNDAY 0100 UTC
4. Mark your logs to indicate your best (8) continuous hours for scoring.
5. EXCHANGE: Signal report and state/province/country
6. QSO POINTS: 1 watt or less out: 10 points (either mode)  
5 watts or less out: 5 points  
Over 5 watts: 2 points
7. MULTIPLIERS: Field location: 4 x multiplier  
Home location: 2 x multiplier  
Homebrew equipment: 3 x multiplier  
Commercial equipment: 2 x multiplier
8. Field location = battery power and temporary antennas  
Home location = commercial power and permanent antennas
9. Homebrew: If you built it, it is considered homebrew.
10. FINAL SCORE = Band/mode QSO points x location multiplier  
x equipment multiplier = BAND/MODE TOTAL  
Add the band/mode totals together for the FINAL SCORE.
11. AWARDS: a) Top Ten Scores Certificates (the ten stations with the highest scores  
b) Participation Certificate for 20 or more contacts  
(Include a 9x12 SASE with 3 units of postage)
12. SEND LOGS TO:  
Bob Farnworth, WU7F  
6822 131 Ave. SE  
Bellevue, WA 98006-4038 USA
13. DEADLINE: Submit logs by May 31, 1996.
14. All contest committee decisions are final. Include a #10 SASE if you want a copy of the results. Results will be printed in QRPP.

SCORING EXAMPLE:

(20) 20M/SSB QSO's x 5 (5W) x 4 (field) x 2 (commercial rig) = 800 pts  
(35) 40M/CW QSO's x 5 (5W) x 4 (field) x 3 (homebrew rig) = 2100 pts

-----  
TOTAL SCORE: 2900 pts

Keyed in by NA5N from info received from NorCal. This is not an official NorCal announcement, but merely passing it on; not responsible for errors. (I.e., I could have screwed up something).

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [5392] Ooops  
Message-ID: <199603081724.RAA05085@chuck.dallas.sgi.com>

Make that grievous. i slipped over two. :-)

I typed in the dictionary a long time ago.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: ROWLETT\_D@hccs.cc.tx.us  
Subject: [5433] QRP Backpacking Trip A No-Go  
Message-ID: <8658482008031996/A04505/ADMIN/11A345283A00\*@MHS>

Fellow QRPers --

I'm sorry to have to report that Troop 404's QRP backpacking trip has been called off due to inclement weather. We live down here on the Gulf Coast where the temperature is usually mild, but the weather report indicates the temperature is supposed to fall into the mid-teens with high winds in the Texas hill country Saturday night -- many of our scouts have sleeping bags that are good only down to about 30 degrees, and due to drought conditions and high winds there is a ban on outdoor fires in the area. So, it would not only be cold but no way to get warm, and our troop committee thought the liability risk was prohibitive -- we don't need sick or frostbitten youngsters and irate parents.

We're heartily sorry to wimp out like this, but the Troop committee rules, as anyone who's ever been involved with Scouting will attest. Thanks to all who sent their encouragement and promised to listen -- and I may still get on with the little SSB QRP rig from home Sat or Sunday night on 7.285 and 7.185 from 6 - 8 p.m. (CST).

I'll let the list know when we have rescheduled this trip.

73, es gd dx --  
Yours in Scouting,

Doug Rowlett  
WB5IRI

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [5401] QRP Databook  
Message-ID: <199603081855.SAA05370@chuck.dallas.sgi.com>

Ooops. Knew I once again would forget an important point. For those not at Dayton you will be able to get it but not until after Dayton and the parties involved will announce same at that time. So don't worry and just hold on. Help is on the way. :-)

You can't have it yesterday.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Mike Robinson <miker@cc.com>  
Subject: [5425] QRP DX  
Message-ID: <9603082317.AA26529@voder.nsc.com>

Wow! I just got my first QRP DX. San Juan from Colorado. Amazing what a real antenna will yield.

OHR400 at 5watts into a dipole up abt 50'.

Is there an international call sign web page?

His call was either CM6DE or C06DE, name of Eny.

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: wdzeares@rockdal.aud.alcatel.com  
Subject: [5377] ROX: wow 0 for 3!!  
Message-ID: <9603081336.AA20410@aud.alcatel.com>

Well I tried Dave...I was there listening till the end but "zero"....thats 0 for 3 this week!!

maybe next year..  
When do we start the 30 M fun???  
72/73 Dennis K3ETS

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: "David E. Shelton" <deshel01@homer.louisville.edu>  
Subject: [5422] Schurr-Morsetasten  
Message-ID: <Pine.OSF.3.91.960308172056.5312A-100000@homer.louisville.edu>

I just wanted to let the group know I just got my Schurr Profi and WOW!  
This is really nice. I mean it is compact yet HEAVY, 3.2lb. The action is  
so smoooooooooth and well I would not discourage anyone from trying one.

One question I do have, does anyone have any info on ordering replacement  
plexiglass covers or paddles for this Schurr-Morsetasten Profi. I  
received one piece of paper in the box with directions for adjusting the  
paddle but nothing about parts and there was address to be found.

Any info is appreciated.

Tnx es 73/72,

```
-----  
David E. Shelton, RN, BSN  KE4FPS |  
|  
University of Louisville, SON |  
deshel01@homer.louisville.edu |  
102551,1470@compuserve.com |  
KE4FPS@WD9AGK.#SIN.IN.USA.NA (packet) |  
"Every Patient Deserves A Nurse!" |  
|  
QRP ARCI #9079 FISTS #2103 QRP-L #142 |  
-----
```

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: fred@ott.net (Fred Ringwald)  
Subject: [5394] Sideswipers  
Message-ID: <199603081754.LAA06428@is.ott.net>

I think it is a natural tendancy for people to criticize something  
that they have had little or no experience with on the sending end,  
and have had negative experience with on the receiving end. I have  
tried to copy some people who sent code with either a bug or a

sideswiper, and the code had so much of a "swing" that I couldn't copy it. Yes, I'll admit it, I am of the younger generation and learned code that was either generated by some machine (mechanical, or electronic) or was a close enough imitation (by bug or handkey) that it sounded "proper." Yet, I know that some people can copy code with just about any amount of swing in it. For me, if you can make code that sounds "proper" (my particular bias) with a sideswiper, a bug, or with two pennies clicking together, then I will be able to copy you and will be happy. If your PK232 is happy with your sideswiping, then I don't think many of us will care how you generate it. Good luck, and I look forward to copying your fist on the air!

73s es cul,

Fred Ringwald                      913-242-4829  
2228 Labette Road                  fred@ott.net  
Ottawa, KS 66067-8977              AB0AE

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Ed DeBuvitz <edeb@indirect.com>  
Subject: [5379] SIS Engineers  
Message-ID: <Pine.BSD/.3.91.960308072949.1658A-1000000@bud.indirect.com>

I'm interested in the S&S Engineering PC1 digital freq. counter as was mentioned in the March 73. Anyone have any knowledge of it and what S & S address might be?

Thanks in advance....

Ed W5TTE

edeb@indirect.com

P.S. Check out the NWQRP page on the web.

[HTTP://www.scn.org/ip/nwqrp/nwqrp.html](http://www.scn.org/ip/nwqrp/nwqrp.html).

Nice work gentlemen (and ladies to be pc)

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [5428] Small rig....  
Message-ID: <Pine.SUN.3.90.960308152917.20466B-1000000@vortex.sage.dri.edu>

>From the March 96 issue of Military & Aerospace Electronics:

Boise, ID.

Micron Communications Inc. has the world's first single silicon chip to incorporate a microcontroller, a low power static RAM, and a direct sequence spread spectrum microwave frequency radio! Cost will be less than \$40 and it operates on 2.45 GHz. (No license needed).

OK all you good folks, who will be the first to make a little qrp digital rig with that?

The bad news is that also in this issue, the Navy talks about putting a new HF (2 to 30 MHz) over-the-horizon radar on their ships! Is that another woodpecker on the way?

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
...QRP-L #17....ARRL....NorCal #330.....NRA LIFE.....

From qrp-l@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: torell@sicom.com (Kent Torell)  
Subject: [5396] solar forecast  
Message-ID: <v02130500ad6622d77686@[192.91.202.41]>

The weekly prog. Forecasting some geomagnetic activity starting Sunday.

-----

WEEKLY STFR FORECAST VALID: 08 March to 17 March 1996

		10.7 cm HF Propagation	+/- CON	Mag	Aurora	
		SolrFlx LO MI HI PO SWF %MUF	% K Ap LO MI HI			
		----- ----- ----- -----				
Mar	08	070   G G F F 01 00	75 2 07 NV NV LO			
	09	070   G G F F 01 00	75 3 10 NV NV LO			
	10	070   G G P F 01 -10	70 3 15 NV NV MO			
	11	070   G G F F 01 -10	70 3 15 NV NV MO			
	12	070   G G F F 01 -05	70 3 10 NV NV MO			
	13	070   G G F F 01 00	70 2 07 NV NV LO			
	14	070   G G F F 01 00	70 2 07 NV NV LO			
	15	070   G G F F 01 00	70 2 05 NV NV LO			
	16	070   G G F F 01 00	70 2 05 NV NV LO			
	17	070   G G F F 01 00	70 2 05 NV NV LO			

Report Released by the Solar Terrestrial Dispatch  
P.O. Box 357, Stirling, Alberta, Canada, T0K 2E0  
Accessible BBS System: (403) 756-3008

INTERNET FTP: solar.uleth.ca (in pub/solar)  
INTERNET FINGER: finger solar@solar.uleth.ca  
INTERNET WWW: http://solar.uleth.ca/solar

Near-Real-Time Propagation Maps: http://solar.uleth.ca/solar  
-----

Kent Torell      torell@sicom.com      602-483-2867 x40  
SICOM      7585 E. Redfield, #202      Scottsdale, AZ      85260

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: prvalko <prvalko@Oakland.edu>  
Subject: [5378] Story Time  
Message-ID: <Pine.OSF.3.91.960308084430.25165B-100000@saturn.acs.oakland.edu>

On Thu, 7 Mar 1996, chuck adams wrote:  
>  
> I think that everyone should have on their  
> desk one of the \$9 MFJ LCD clocks.

#### Story Time!

Three years ago I stood up in my sister's wedding. My new brother-in-law, following centuries of habit, presented all the groomsmen with the traditional worthless token gift.

You all know what I'm talking about, one of those little personal hygiene kits that never get used, or a pen and paper... some such trivial gift that I personally would just as soon not have had the poor fellow rack his brain over to think of (and remember). I mean, really, driving around in a stretch-white-limo poking my head out of the sunroof and waving at the peon is thrill enough for this OM.

Regardless, my new brother-in-law gave us all a little travel clock. Cute.

So it's laying around the house for a few months when I stumbled across it in the bottom of my sock drawer. Typical ham that I am, I decide to open it up and take a look see at the electronics.

Well, it popped opened up easily enough and the PCB consisted of a tiny chip, a couple touchpad-swirly-thing buttons, and the big LCD display.

There are a bajillion traces on the circuit board all seemingly leading to the LCD elements. One of these traces is slightly different. It runs out of the big IC and right back into it BUT it has a very noticable gap with solder pads on each side of it.

I throw caution to the wind and break out the trusty R/S 30w pencil. With a few deft Zjl swipes of 60/40, I have completed the modification. I popped the tiny hearing-aid sized batteries into their holder springs and furtively glanced at the display.

Viola!!! A 24 hour clock. Too cool, I think to myself, and finally... a wedding-token gift that gets used and treasured as it was intended to, all along!

73! =paul= wb8zjl

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Nick Franco <kf2ph@bnl.gov>  
Subject: [5421] There's Always Colorburst Nite!  
Message-ID: <3140AFB5.6603@bnl.gov>

Hi gang,

I didn't think I was confused about a Fox Hunt last night, but that's always when I should worry most I guess (when I'm sure :-). Anyway, I fire up the IC-728 on 7.040 right at 9:00 pm EST (or is that 0200 UTC). Well anyway, I listened to almost the same stuff I listen to every Fox Nite ... nutton! Then I heard, buried in the mud, several little signals and could copy some letters Q R P here and there. There it is again .. UR QRP ....449 .... TNX ... etc. Bits and pieces, that's all. I scanned up and down for N4AOX or N9UXU or any other QRP-Ler I recognized, but NG - ziltch. I opened and close my filtering and everything I could think of. Looks like another too familiar Skunk Nite.

Then about 9:35 pm EST I remembered it was also Colorburst Nite. So, I quickly took out my Pixie2 and hooked everything up and listened. There was some folks calling CQ and I heard a couple of /X suffixes. Now, this is much better - real signals for a change (hi hi). I answered W3TS - "Mike" NE-QRP # 27 and he came back to me with a 449 report. Hey, I do know how to make a Q after all. We went back and forth a couple of times to exchange numbers and power levels, etc. I shut down at 9:55 pm EST when I heard the all familiar overpowering VVV VVV DE W1AW booming in. Turned out to be an OK night.



Have a great weekend all. Best 72  
Nick

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY  
Sr. Systems Specialist RHIC Project - Building 1005 - Room 201  
Tel: (516) 344-5467 Fax: (516) 344-3674 UPTON, N.Y. 11973-5000  
Email: kf2ph@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Aa4xx <aa4xx@nando.net>  
Subject: [5416] Tues Night 80M Beacon  
Message-ID: <Pine.SUN.3.91.960308160608.25849B-1000000@bessel.nando.net>

Hi Gang,

Pete Rossi will be running his 80 meter beacon this coming Tuesday night, March 12th, from 7-9 PM EST (0000-0200Z). He is doing this as part of a QRP demonstration for the Brightleaf Amateur Radio Club (Greenville, NC) March meeting. (The NC gang is going to devote five to ten minutes of the QRP forum specifically to listen for WA3NNA/B.)

Pete invites anyone who would like to listen for the beacon to give it a whirl. Your reception reports would be appreciated. Pete's email address is: [rossi@VFL.Paramax.com](mailto:rossi@VFL.Paramax.com)

He will be using the standard 80 meter frequency of 3557 KHz, and the power levels will be 200 mW, 20 mW, and 2 mW.

Thanks, Pete, for your willingness to provide this interesting opportunity to quite a few hams who have never listened to a QRP signal before. We'll let you know how it worked out.

72,  
Paul Stroud AA4XX Raleigh, NC

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Mike Robinson <miker@cc.com>  
Subject: [5408] UTC Watch  
Message-ID: <9603082048.AA20170@voder.nsc.com>

If you are one that has problem with the UTC to local conversion, then set your watch to UTC time and date.

Force yourself to always convert to local time every time you need to tell time. After a while you will have a clear feeling of UTC time versus local time.

It's easiest if you use only military time. For doing the math when it's near 0000z simply think in terms beyond 2400. For example, I'm 7 hours before UTC. At 19 local, add 7, then subtract 24.  
 $1900 + 0700 = 2600 - 2400 = 0200z$ . If the local + 7 is less than 2400 then no further math is needed. It sounds like a lot, but like anything, practice makes for quickness.

Set your (single display) wrist watch to UTC!

Overcome weakness through exercise.

```
=====
7.3 de Michael AA0UB      miker@cc.com      michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
```

From qrp-l@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: svein@eci1.ucsb.edu (Svein Vetti)  
Subject: [5407] Why a VHF oscillator does not work  
Message-ID: <9603082026.AA03446@gardenia.ucsb.edu>

If you think that a large groundplane, PCB, SMD components, high quality BJT (MRF901) and a well proven design is enough to make your VHF xtal oscillator work, you (and I was) are wrong.

I don't know why, but some xtals are just not any good. They will not oscillate @ their 7th overtone. Epson (I think is the manufacturer) from digikey is one xtal you do NOT even want to consider trying. They are cylindrical shaped, tiny, has good performance according to their datasheet.

The new xtal (I don't remember the manufacturer, but I got it from digikey) worked without any problems, and I have wasted 3 weeks on Epson %#!@#%\$@.

If someone can come up with an explanation to this I will be happy to hear it

-Svein Vetti, UCSB, CA

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Steven Wilson <randyw@crl.com>  
Subject: [5380] Re: 20M PHONE STUFF  
Message-ID: <Pine.SUN.3.91.960308061253.2605A-100000@crl8.crl.com>

Hi Dave, All ham radio SSB is not like the nuts on certain frequencies on 75 and 20 meters. 20 SSB is really a super band and do not let a few bad apples drive you off. Avoid 14275, 14300 - 14315. On 75 SSB avoid 3894.5, 3898, 3927 and 3950. Thank goodness these nuts sort of have fixed frequency operation. They also hang out on 160 and 40 meters, but skip conditions are such you do not notice them as bad on those two bands.

One can work SSB QRP on 20 and 75 meters. Easier on 20. A lot of the fellows in europe and the pacific do not run high power. With a good antenna, 20 to 50 watts will make you a lot of nice contacts. One must clean up his antenna and receiver, but should do that anyway just for CW operation. Verticals work nice on 20 as do simple wire beams. It is easy to work DXCC on 20 CW. I am not sure which is more important the antenna or the receiver, but I do know both are much more important than the power level. Avoid the pile ups and calling CQ. Listen a lot and your log book will soon fill up with some nice contacts. You will need RIT since some of the DX do not come back on their frequency. They often tell you where to listen.

So avoid the "trash" and you will have many FB QSO's. In any room there always a few you would not want to sit next to... Same goes for our hobby I am sorry to say.

Regards de stan ak0b  
e-mail via randyw@crl.com

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Paul Christensen <PaulC@jax.se.continental.com>  
Subject: [5373] Re: Argonaut 515  
Message-ID: <31404394@se.continental.com>

The moment I hit the send message key, I realized that only one diode on the meter post would work. The VU meter I mentioned earlier has AC appearing on the terminals and is bridge-rectified in the meter case.

Forward biasing the a shottkey or germanium diode on the meter terminals should work.

-Paul, N9AZ

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [5375] Re: CW Keying: Any Other Side Swiper Users Out There?  
Message-ID: <Pine.SOL.3.91.960308065041.1280B-100000@utkux4.utcc.utk.edu>

As Chuck would say, been there, done that--and it works. How well it works depends upon a lot of factors--what you are used to; what you are willing to experiment with in terms of arm and key position, etc.

Human arm muscles, especially forearm, are not uniform. The most comfortable angle--running from stright vertical up-down keying to straight horizontal sideswiper keying--depends on the individuals bone/muscle/ligament arrangement. If young and malleable enough, we can adjust to and get very comfortable with almost any angle. Us OTs and OOTs have a harder time adjusting to what we have not gotten used to over many years. (Hence, the prejudice against side swipers, often without a suitable trial.)

In changing from the standard key to a side swiper, do not assume that the way you place your arm on the operating surface for a vertical key will be best for the sideways motion. Wiggle around and get comfortable before you begin to master the new motion. You can always get used to a new position for your log and coffee cup later.

For some, neither up-down nor sideways is the best angle--but something between is. Made a base for an old hand key. Modified the metal to remove most from the left side (being left handed): that lowered the key toward the table, making the 30 degree angle more comfortable, since I did not have to cock my wrist to key. This works for me (although I do not use it more than about 50% of the time) partly because of the way I like to sit at the rig: straight on, shoulders square. Different seating position preferences will also make a difference in comfort.

Keying is not a matter of the key alone, but a complex interactive arrangement between key and op. Keys are rather simple devices; unfortunately, most human ops are very complex arrangements of half-worn parts and ancient habits. In some ways, it is a wonder that the keying I hear is as good as it is--and most of it is quite good, meaning readable in ham band conditions.

Some of our number have indicated they are in graduate school. If anyone needs a thesis topic, the ergonomics of Morse keying would be an interesting one involving physiology, psychology, sociology, and something akin to medical engineering.

-73-  
LB, W4RNL

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [5424] Re: Did you know?  
Message-ID: <199603082030.NAA20265@usr4.primenet.com>

At 02:19 PM 3/8/96 EST, chuck adams wrote:

>  
>Do you know who KE3NJ is?  
>  
>dit dit  
>--  
Yeah, but is it the real one?

72/73, de Roger, AA7QY

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Brian Dockter <brian@nds.com>  
Subject: [5431] Re: Did you know?  
Message-ID: <96Mar8.164645pst.170375-206+159@rainier.nds.com>

On Mar 8, 5:44pm, Roger Hightower wrote:

> Subject: Re: Did you know?  
> At 02:19 PM 3/8/96 EST, chuck adams wrote:  
> >  
> >Do you know who KE3NJ is?  
> >  
> >dit dit  
> >--  
> Yeah, but is it the real one?  
>  
> 72/73, de Roger, AA7QY

Can't be. Not from Pennsylvania.

Brian

--

Brian Dockter (KC7JZL) | Email: brian@nds.com  
Sr. Software Engineer | Voice: 206-524-0014  
Northwest Digital Systems | FAX: 206-524-3440

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Bernard Seront <seront@seism1.ess.sunysb.edu>  
Subject: [5387] Re: Envirotronics Iambic Paddles  
Message-ID: <2.2.32.19960308164658.006fcd14@seism1.ess.sunysb.edu>

At 10:25 AM 3/8/96 EST, chuck adams wrote:

>  
>I am taking Ori's word that it is better than the Brass Racer  
>and I hope that it is very nice and I'll use it to haul around  
>the country side and maybe even mobile CW on 10M. Heck at  
>\$48.95 it has got to be one of the better buys around as  
>the Bencher is significantly more expensive. So let's cross  
>our fingers and hope gang. QRP prices on peripheral equipment!  
>It's pretty bad when your paddle costs more than the rig.

Maybe someone already has more information on these interesting paddles: are they mechanical with springs like the Bencher, or "magnetic" like the brass racer. I always wanted to try this concept but the price increase put them out of my budget. Also if someone can post a photo of the Envirotronics paddles (sorry no binaries post, put it somewhere on the ftp server or the qrp-1 web page) that would be great. I can scan easily here so if someone send me a photo, i'll do the job.

I don't know what the actual price is for Bencher paddles, but I bought mine new last year for 45\$ (black base), i can't imagine it's significantly more expensive now.

Bernard, KB2TGH.

-----

Bernard Seront, seront@seism1.ess.sunysb.edu  
<http://rock.ess.sunysb.edu:8080/>

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: "David D. Meacham" <ddm@datatamers.com>

Subject: [5414] Re: FDIM Registration II, Correction 1  
Message-ID: <Pine.LNX.3.91.960308131452.3416B-100000@dt1.datatamers.com>

Paulette,  
Please correct my call in your records. It should be "W6EMD". Thanks es  
72, Dave  
-----

On Fri, 8 Mar 1996 plquick@facstaff.wisc.edu wrote:

> Listed in my notes but not in my report:  
>  
> David Meacham, W6EMB  
> His \$30.00 check has been photocopied and deposited  
> He's a good boy and I will tell those big ugly Dayton bouncers to let him  
> in at the door  
>  
> Just in case YOU were thinking of sneaking in to the much anticipated Four  
> Days in May (c) QRP Symposium, how about sending me a check instead.  
>  
> Make out the check to: Paulette Quick  
> and mail it to: P.O. Box 145  
> Madison WI 53701-0145  
>  
>  
> 72 de N90UH  
> Paulette Quick  
> plquick@facstaff.wisc.edu  
>  
>  
>  
>  
>

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Tim Pettibone <tpettibo@nmsu.edu>  
Subject: [5389] Re: Fox results...ugh...  
Message-ID: <199603081651.JAA15535@NMSU.Edu>

>  
>2:24 7.040 A6HOU 339

Dave: Want to try for AB50U? It was tough. Didn't hear much after you  
came back to me. I'll let you make the call "A contact, or not a contact!"

Tim  
AB50U

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Bernard Seront <seront@seism1.ess.sunysb.edu>  
Subject: [5413] Re: Headphones  
Message-ID: <2.2.32.19960308203945.0071c3b8@seism1.ess.sunysb.edu>

I also use a set of Sony MDR something headphones (will check the ref, and measure the impedance, well the DC resistance, should be close, just a bit lower). I never had any problems, light and comfortable. I don't have to crank the volume of my explorer more than 1/4 turn.

As far as high frequency noise is concerned, I also got the impression that these hi fi headphones let too much high frequency noise getting through. The simple solution for that, I have yet to test, is to put a low pass filter at 4000 or 5000 Hz (or whatever frequency sounds good for you, it may be as low as 1000 Hz for cw) right at the headphone jack.

This filter is a simple inductor in series with the speaker or headphones, one calculates the value with this formula:

$$L=R/(56.28 \cdot F)$$

L is the inductance  
R the DC resistance of the speaker  
F the roll off frequency.

You may want to add a high pass filter at around 300Hz, with a capacitor (capacitance C) in series:

$$C=0.159/(R \cdot F).$$

For the purist this is a Butterworth first order, high pass (or low pass, the combination of both gives a bandpass) filter, i.e. the attenuation is 6dB/octave. F, the roll off frequency, is the -3dB point (the signal is already attenuated by 3dB or cut in half, at F).

For more in depth discussion about crossovers (name of these filters when there are used in speakers) and other related topics check:

<http://bundy.hibo.no/~rpd/Speaker/>

The page is hi-fi oriented but a lot is applicable to communication speakers as well.



Enjoy.

Bernard, KB2TGH.

PS: I guess the OHR passive audio filter is a combination of capacitors and inductors with a multi position switch in a nice box.

-----

Bernard Seront, seront@seism1.ess.sunysb.edu  
<http://rock.ess.sunysb.edu:8080/>

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: windish@ix.netcom.com (Walter G. Windish )  
Subject: [5417] Re: March '95 73 Magazine  
Message-ID: <199603082131.NAA17772@ix12.ix.netcom.com>

>>

>>

>This got my attention. I rarely read 73 because of an aversion to the  
>guy with the ego, but sprung for it this time. Neat stuff by Rob and  
>Jeff.

>If you don't have it, get it...there's something for everyone.

>>

73 usually has a few good construction articles in a year and does pay  
attention to QRPers. Mr. Green is nauseating, though.

>oh yes..nice qsl card, Walt

>

Tnx, Roger. Too bad it appears on about the ugliest cover you'd ever  
want to see!

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: aa7qy@primenet.com (Roger Hightower)  
Subject: [5420] Re: March '95 73 Magazine  
Message-ID: <199603082032.NAA20894@usr4.primenet.com>

At 08:47 AM 2/27/96 EST, Walter G. Windish wrote:

>It looks like the latest issue of 73 holds some interest for QRPers:  
>There's a nice little roundup of QRP kits, a KC1 review by AC4HF, A  
>review of the new QRP+ by none other than WA3ULH, plus more. A pretty  
>good issue.

>

>

This got my attention. I rarely read 73 because of an aversion to the guy with the ego, but sprung for it this time. Neat stuff by Rob and Jeff. If you don't have it, get it...there's something for everyone.

72/73, de Roger AA7QY

oh yes...nice qsl card, Walt

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996

From: N5EM@aol.com

Subject: [5419] Re: March '95 73 Magazine

Message-ID: <960308164930\_241098768@emout07.mail.aol.com>

I am curious if anyone is working on the VX0 circuit for a color burst crystal that requires a homebrew, tunable inductor using Litz wire? Looks interesting unless the wide swing is due to the circuit actually becoming a VFO instead of a VX0. Failing someone doing this research, I guess I'll have to try this one out.

72

Ed, N5EM

n5em@aol.com

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996

From: torell@sicom.com (Kent Torell)

Subject: [5427] Re: March '95 73 Magazine

Message-ID: <v02130507ad66635494c7@[192.91.202.41]>

>I am curious if anyone is working on the VX0 circuit for a color burst  
>crystal that requires a homebrew, tunable inductor using Litz wire? Looks  
>interesting unless the wide swing is due to the circuit actually becoming a  
>VFO instead of a VX0. Failing someone doing this research, I guess I'll have  
>to try this one out.

>

>72

>Ed, N5EM

>n5em@aol.com

I've been watching this one with some dubious interest; I remember

being told by people designing vcxo's that you can't pull a crystal more than so much, and you can 'pull the oscillator off the crystal', where it does become just another vfo. If anyone comes up with another one of these, I'd like to see the parameters of the crystal ( $R_s$ ,  $C_m$ ,  $L_m$ ) and the inductor. You can measure the crystals using the pad circuit used in the crystal filter design stuff from Hayward (QST, May 82). I know for some wideband vcxo circuits we did in the past, we had crystals ground with a relatively high  $C_m$ , so we could pull them a lot.

How does this compare with the Norcal vcxo challenge (or was it an east coast challenge)?

A couple clues to being off the crystal would be voltage sensitivity, temperature sensitivity, and increased phase noise (admittedly hard to measure).

Kent Torell      torell@sicom.com      602-483-2867 x40  
SICOM      7585 E. Redfield, #202      Scottsdale, AZ      85260

From qrp-1@Lehigh.EDU      Fri Mar 8 22:38:48 1996  
From: Bernard Seront <seront@seism1.ess.sunysb.edu>  
Subject: [5423] Re: New welcome file  
Message-ID: <2.2.32.19960308223718.007447b8@seism1.ess.sunysb.edu>

SEARCH QRP-L/ARCHIVES "HW8"

From qrp-1@Lehigh.EDU      Fri Mar 8 22:38:48 1996  
From: QLF%[mimi@magic.itg.ti.com](mailto:mimi@magic.itg.ti.com)  
Subject: [5382] re: NEWFOUNDLAND TIME  
Message-ID: <9603081459.AA10268@itg.ti.com>

From: Brad Bradfield      QLF

Subj: re: NEWFOUNDLAND TIME

Bob,

I guess the real root question (as I see it, anyway) is: How in the world did UTC get 3-1/2 hours off from Newfoundland time??

73's

Brad, WB0CGH

\*\*\*\*\*

Brad Bradfield, PE	Electrical Design Engineer
108 Forestwood	Texas Instruments, Inc.
Corinth, TX 76205	
	(H) 817-321-2960
QLF@MSG.TI.COM	(W) 214-462-6230

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member      QRP-L #377      SMIRK #4906      IEEE(M)

Collector of wireless and landline Morse keys and accessories.

\*\*\*\*\*

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: "Jim Markle" <jim\_markle@corp.disney.com>  
Subject: [5426] Re: QRP DX  
Message-ID: <9602088263.AA826327722@ccunix1.disney.com>

According to: <http://www.qrz.com/cgi-bin/webcall>

Callsign: CM6DE  
Name: ENILDO PEREZ  
Addr1: AVE DE LOS MARTIRES 35  
Addr2: RANCHUELO 53100; VILLA CLARA  
Country: CUBA

No C06DE came up from the database.....

72, KB50B

----- Reply Separator -----  
Subject: QRP DX  
Author: miker@cc.com at CORP-INTERNET-BURBANK  
From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: wdzeares@rockdal.aud.alcatel.com  
Subject: [5399] RE: ROX: wow 0 for 3!!  
Message-ID: <9603081844.AA09695@aud.alcatel.com>

I cannot type or catch the fox.  
sorry but that should read: FOX: wow 0 for 3  
72 Dennis

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: moyle@essc.psu.edu (Al Moyle)  
Subject: [5430] Re: Small rig....  
Message-ID: <9603090038.AA22165@seismic.geosc.psu.edu>

>The bad news is that also in this issue, the Navy talks about putting  
>a new HF (2 to 30 MHz) over-the-horizon radar on their ships! Is that  
>another woodpecker on the way?  
>

Hi Ron,

At the last meeting of our local radio club, we had a presentation on over-the-horizon radar from a ham/engineer who had worked on the thing. Apparently there were two versions ... the Air Force one, which cost billions and is now shut down, and a Navy one which is still operating, looking for drug smugglers in the Carribean. From what we were told, the US OTH radar people were very considerate and never used the ham or international shortwave bands (unlike the Russians). If the technology hasn't changed, I'd like to see the ship the navy is going to put this on. Their system was meant to be mobile, however the receiving antenna array was, as I recall, about 100 feet tall and 5000 to 7000 ft long. The transmitter and receiver were separated by 50 or 60 miles and, needless to say, the input power was high. Definitely not QRP.

73,

Al N3KFL

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [5400] Re: solar forcast  
Message-ID: <199603081849.LAA01098@zia.aoc.nrao.edu>

Thanks Kent for posting the solar forecast info. I might add, from information received here at the observatory, that the region of the sun that caused all the disturbances in the middle of January and February just rotated into view. Unsettled and disturbed conditions have been predicted last few days in anticipation of this region

reaching the limb. However, there is no disturbance on the solar surface in this region, leaving the sun absolutely featureless at the moment. The warnings have been cancelled. Solar flux is running about 70 (90 day average is 73), so conditions this weekend on HF should be fairly nice (and into next week).

Paul NA5N

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)  
Subject: [5412] Re: Soliciting comments  
Message-ID: <9603081846.AA06717@radium.Eng.Sun.COM>

Michael AA0UB asks:

>  
    ... stuff deleted ...  
  
>  
> What are the main contributors to the velocity  
> factor of wires and cables?  
>  
    ... more stuff deleted ...  
  
>  
> Inquiring minds want to know.  
>  
>

The short answer is the characteristics of the dielectric surrounding the conductor.

More detail:

The velocity of propagation is:

$$v_p = \text{Speed of light} / \sqrt{E_{\text{eff}}}$$

where                       $v_p$  = velocity of propagation  
    Speed of light =  $3.0 \times 10^8$  m/s  
     $E_{\text{eff}}$  = Effective dielectric constant

The effective dielectric constant is always less than or equal to the relative dielectric constant and are related by

a non-trivial relationship.

So for a conductor in vacuum (or almost so for air):

$v_p = 3.0e8/\text{SQRT}(1)$  which is the speed of light

however for a cable with a dielectric like teflon whose  $\epsilon_r$  is around 2.3 or so (the  $\epsilon_{eff}$  will be less, say 1.8) then we have:

$v_p = 3.0e8/\text{SQRT}(1.8)$

$v_p = 2.23e8$  m/s

so the ratio of the velocity with the dielectric relative to the velocity in a vacuum is:

$2.23/3.0 = .74$  or 74% which is the velocity factor

It gets more detailed than that, however those are the basics.

72 de Ray WB6TPU  
raymonda@radium.eng.sun.com

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: rossi@VFL.Paramax.COM (Pete Rossi)  
Subject: [5418] Re: Tues Night 80M Beacon  
Message-ID: <9603082141.AA28791@gvlf6-a>

->  
->  
->Hi Gang,  
-> Pete Rossi will be running his 80 meter beacon this coming Tuesday  
->night, March 12th, from 7-9 PM EST (0000-0200Z). He is doing this as  
->part of a QRP demonstration for the Brightleaf Amateur Radio Club  
->(Greenville, NC) March meeting. (The NC gang is going to devote five to  
->ten minutes of the QRP forum specifically to listen for WA3NNA/B.)

So there is no confusion...

This is Tuesday Tuesday night. Not Monday (UTC) Tuesday night.

7-9 PM EST Tuesday March 12 (0000-0200 UTC Wednesday March 13)

Got it?

Also.. this is in addition to the beacon running this weekend. To further not confuse anybody. Confused?

I see there is a FOX scheduled for 8-10 PM that same night. So tune in to 3557 at 7 PM to warm up ;-)

---

Pete Rossi - WA3NNA  
rossi@vfl.paramax.com

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Bernard Seront <seront@seism1.ess.sunysb.edu>  
Subject: [5385] Re: UTC  
Message-ID: <2.2.32.19960308160251.006e96c8@seism1.ess.sunysb.edu>

Each and every watch nowadays, at least quartz ones over 20\$, get a dual time function: guess what a ham put in there: local and UTC (even the date is correct on the UTC screen).

You can also find very nice watch with both analog and digital displays (mine is a Casio, but you do whatever you want) you read local time with the needles, and -at the same time- you get UTC, in 24H format, on the digital display: no better way to get used of it!

Bernard, KB2TGH.

-----

Bernard Seront, seront@seism1.ess.sunysb.edu  
<http://rock.ess.sunysb.edu:8080/>

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Johnson\_Dan@AAC.COM  
Subject: [5393] Re: UTC [dual time ZONE watch]  
Message-ID: <9603082054.22763.aa@SMROUTER.AAC.COM>

> Each and every watch nowadays, at least quartz ones over 20\$, get a dual time  
> function...

I have on my wrist the ONLY example that I have encountered of a dual time ZONE



watch. What's the difference between this and others? Its LCD shows both time and date at the same time, and you can set it to show time zone 1 or time zone 2. The date for a particular time zone display changes, however, \*when the zone time changes\*. So, at midnight, my T1's date advances, and at 0000Z, my T2's date advances. For alarms, you also specify the time zone, so I can set the alarm to go off at 0100Z "tomorrow" (this evening local) without doing a conversion.

This is the Timex "ZULU Time" watch with both analog and digital displays. It's marketed at aviators. I got mine at a Wal-Mart but haven't seen it anywhere since. I keep the digital display on Zulu and do the date conversion back to local in my head. Less error-prone, believe it or not.

If anyone would like more info, I have a review of sorts. If anyone knows of another, true dual time ZONE watch, I'd love to hear of it. (Every few years I just gotta upgrade the watch, but my requirements are now more specific!)

72 de KC4EWT  
Johnson\_Dan@aac.com

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: Pete Hardie <hardie@duke.usask.ca>  
Subject: [5398] Re: UTC [dual time ZONE watch]  
Message-ID: <Pine.OSF.3.91.960308121805.10357B-100000@duke.usask.ca>

> This is the Timex "ZULU Time" watch with both analog and digital displays.  
>  
> If anyone would like more info, I have a review of sorts. If anyone knows of  
> another, true dual time ZONE watch, I'd love to hear of it.  
>  
> 72 de KC4EWT  
> Johnson\_Dan@aac.com

My Casio watch has a dual time zone which shows the time and date.  
I set the main display to local time/date and the dual time/date is set to Zulu. The dual zone date advances at the right time.  
The alarms can only be set to local time though.  
The main reason I have this watch is that it has 5 daily alarms.  
If anyone is interested, it's the Casio Telememo 30 data bank (Model # is DB-31).

73 de Pete  
ve5va.qrp@usask.ca

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: prvalko <prvalko@Oakland.edu>  
Subject: [5403] Re: UTC [dual time ZONE watch]  
Message-ID: <Pine.OSF.3.91.960308134038.4138A-100000@saturn.acs.oakland.edu>

On Fri, 8 Mar 1996, Pete Hardie wrote:

> If anyone would like more info, I have a review of sorts. If anyone  
> knows of another, true dual time ZONE watch, I'd love to hear of it.

Well... For several years now, I've owned a Seiko Quartz World Timer. It's fully analog (as all real watches are) and has three auxiliary dials to the main "Big Hand - Little Hand" dial. The three small dials are at the noon, six, and nine o'clock positions. There is also a date window at the three o'clock position.

The top dial is for a second time zone reading in 24 hour format. In the standard position, this dial displays the time in GMT. You can press a button on the side of the watch and swag a hand (the hand that on standard watches indicates "seconds") around the main dial to point to one of the 24 time zones as indicated by my major city airport code. For example, LAX = PST, NYC = EST, and TYO would give the time in Tokyo.

The two other dials are for displaying seconds and for setting an alarm.

This is a beautiful timepiece but quality comes at a price and it's not for everyone at about \$400. My wife bought me mine for a birthday present after I drooled over it in the jewelry store for several months.

Man, talk about ROLE REVERSALS!

73 =paul= wb8zjl

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [5409] Re: who is it?  
Message-ID: <199603082050.UAA05736@chuck.dallas.sgi.com>

Yep it is the real David Letterman. He said  
last night he was a ham. Surprises every day.

FYI

--

Chuck Adams (K5FO CP-60) adams@sgi.com  
Box 181150, Dallas, TX 75218-8150

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: prvalko <prvalko@Oakland.edu>  
Subject: [5411] Re: who is it?  
Message-ID: <Pine.OSF.3.91.960308160127.12604A-100000@saturn.acs.oakland.edu>

On Fri, 8 Mar 1996, chuck adams wrote:

> Yep it is the real David Letterman. He said  
> last night he was a ham. Surprises every day.

G E T O U T ! ! !

KE3 New Jersey !?! Say it ain't so.

73 =paul= wb8zjl

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: tbowman@voicenet.com  
Subject: [5429] Re: who is it?  
Message-ID: <9603090022.AA20513@voicenet.com>

Just talked to David Letterman, KE3NJ.

Dave lives about 50 miles west of Wilkes-Barre, PA. Dave says he has a real problem every time this Letterman guy on TV wins some award.

The last time, about 15 reporters called him at his Danville home awakening him at 5 in the morning. Refused to believe he works as a computer operator....

<----- Begin Included Message ----->

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: prvalko <prvalko@Oakland.edu>  
Subject: Re: who is it?

On Fri, 8 Mar 1996, chuck adams wrote:

> Yep it is the real David Letterman. He said  
> last night he was a ham. Surprises every day.

G E T   O U T ! ! !

KE3 New Jersey ?!?!    Say it ain't so.

73 =paul= wb8zjl

<---- End Included Message ---->

-----  
Tom Bowman, WA3REY, qrp-1 #125, QCWA, Mt.Gretna, PA    <><

tbowman@voicenet.com  
-----

From qrp-1@Lehigh.EDU   Fri Mar   8 22:38:48 1996  
From: Paul Harden <pharden@aoc.nrao.edu>  
Subject: [5410] Re:   Why a VHF oscillator does not work  
Message-ID: <199603082051.NAA06704@zia.aoc.nrao.edu>

Svein,  
Crystals and some other electronic components are kinda like those  
Hills Brothers Coffee commercials a few years back.   Hills Brothers  
buys the best hand-picked beans from Juan Valdez, while the other  
beans ... well they're sold to someone else.

Most of the components I have purchased from hobby houses, for the  
most part, are pretty good.   But there are a few others I'm convinced  
are the industry rejects.   With DigiKey, I have also noticed the LED's  
I buy from them have inconsistent intensity from one to the next;  
FET's have widely varying parameters in the same batch and general  
purpose diodes (1N4148) have really weird forward bias voltages from  
the assumed 0.6-0.7v.   You just can't help but believe in these cases,  
you are getting the bottom of the barrel rejects from the manufacturers.  
I have never had problems with their IC's, however.

I would recommend for parts where a parameter or two might be really  
important for you, to move to Hosfelt, Ocean State, Buckeye, etc. ...  
hobby suppliers a little more careful about the quality of parts.   Or,  
get such items from Newark or one of the industrial suppliers.

Paul NA5N

From qrp-1@Lehigh.EDU Fri Mar 8 22:38:48 1996  
From: kellner@usa.acsys.com (Richard G. Kellner)  
Subject: [5370] Re: [5328] Inexpensive drill press?  
Message-ID: <9603080551.AA22632@usa.acsys.com>

Thanks for all the suggestions for a drill press. They ranged from trying some other things with the hand drill adapter, to getting a stand for the Dremel mototool, to getting a dedicated bench-top press (from \$80 - \$180). But the overwhelming advice was that getting something is well worth it, not that I need any convincing. I'm leaning towards the last option.

73, Rich W5RXP